4.2.7.2 Site Infrastructure

For selected site infrastructure parameters, Table 4.2.7.2–1 shows the site availability, projected usage under No Action, and projected usage following phaseout of the Pu storage mission. Adequate infrastructure is available to accommodate all projected site missions.

Table 4.2.7.2–1. Site Infrastructure Changes Required for Operation at Rocky Flats Environmental Technology Site (Annual)—No Action (2005) and Storage Phaseout

	Transportation		Electrical		Fuel		
	Roads (km)	Rail (km)	Energy (MWh/yr)	Peak Load (MWe)	Oil (l/yr)	Natural Gas (m^3/yr)	Coal (t/yr)
No Action							
Site Availability	40	5	184,000	26	8,140,000	18,600,000	0
Projected usage	40	5	184,000	26	8,140,000	18,600,000	0
Amount required in excess of site availability	0	0	0	0	0	0	0
Phaseout							
Projected usage with storage phaseout	40	5	184,000	26	8,140,000	18,600,000	0
Amount required in excess of site availability	0	0	0	0	0	0	0

Source: RFETS 1995a:1.

No Action Alternative

Under No Action, RFETS would continue to consolidate surplus and strategic reserve Pu into a single interim storage facility. Processing of Pu materials is addressed in the RFETS SISMP (including solid and liquid Pu residues). The RFETS SISMP describes all near-term actions necessary to place special nuclear material into safe interim storage as well as actions designed to prepare and place the material for safe long-term storage in accordance with DNFSB Recommendation 94-1 and the *DOE Criteria for Safe Storage of Plutonium Metals and Oxides* (DOE-STD-3013-94). The RFETS SISMP is a comprehensive management plan to handle issues and vulnerabilities associated with the RFETS storage and handling of Pu and other special nuclear material and describes actions currently being implemented at RFETS.

Preferred Alternative: Phaseout

Phaseout of the Pu storage mission at RFETS would have no impact on the facilities and site infrastructure. The storage facilities would remain for D&D and/or waste management, and utility consumption would remain constant.